

To: Laity, Jim[James_A._Laity@omb.eop.gov]
Cc: Marten, Alex[Marten.Alex@epa.gov]; McGartland, Al[McGartland.Al@epa.gov]
From: Kopits, Elizabeth
Sent: Wed 7/1/2015 1:11:04 PM
Subject: RE: SCC Draft FR Notice
2015 06 30 Social Cost of Carbon RtC Draft FR Notice 6-30-15 - alm_ek.docx

Hi Jim,

DOE/DOJ's edit to the insert looks fine to us. Attached are just a few minor edits on the FR notice. Please feel free to call if you'd like to discuss.

Thanks!

Elizabeth

From: Laity, Jim [mailto:James_A._Laity@omb.eop.gov]
Sent: Tuesday, June 30, 2015 5:21 PM
To: Kopits, Elizabeth; Marten, Alex
Subject: SCC Draft FR Notice

Elizabeth: We have decided, for legal reasons, to publish an FR notice announcing the availability of the RtC. This will lag behind Thursday's rollout by a week or two. Please review this draft and get me back any comments by tomorrow. It is all plain vanilla language used elsewhere. Also attached is DOE/DOJ's response to your excellent insert on the RtC. They had a few minor tweaks that look fine to me. OK by you?

To: Linn, Joshua[**EOP email/phone**]
Cc: Torrusio, Michele[Michele.Torrusio@Hq.Doe.Gov]
From: Kopits, Elizabeth
Sent: Thur 7/2/2015 1:04:20 AM
Subject: Re: Proposal - 10002688 Estimating the Social Cost of Carbon

Agreed. Looks fine to me too.

Sent from my iPhone

On Jul 1, 2015, at 6:39 PM, "Linn, Joshua" <**EOP email/phone**> wrote:

These changes look fine.

From: Torrusio, Michele [<mailto:Michele.Torrusio@Hq.Doe.Gov>]
Sent: Wednesday, July 01, 2015 5:50 PM
To: Linn, Joshua; 'Kopits, Elizabeth'
Subject: FW: Proposal - 10002688 Estimating the Social Cost of Carbon

Please advise.

From: O'Connell, MaryEllen [<mailto:moconnell@nas.edu>]
Sent: Wednesday, July 01, 2015 5:47 PM
To: Torrusio, Michele; Hodson, Elke; Day, Robert
Cc: Boron, David; Hyman, Denise; Winston-Holloway, Kim; Pineau, Marisa Gerstein
Subject: RE: Proposal - 10002688 Estimating the Social Cost of Carbon

Michele (and all) –

Attached is a revision with both tracked changes and without that started with the document you sent (with all your changes accepted). There are just a few tweaks to the revised text.

I also changed the phase 1 SOT to reflect the agreed changes, and made a few minor changes to reflect the current status (e.g., **Ex 5**) as well as edits to reflect a change effective today related to how we (the Academies) should be referenced. The highlighted text in the tracked changes version is the text that will be “public”; that is, posted on our Current Projects System, on the project website, and the like. To follow up on a question on a recent call, the proposal itself is not public, but if you were to get a FOIA request, we would provide the narrative if asked; the Academies

itself is of course non-governmental so is not subject to FOIA. Any documents you or any other source external to the committee provide once the contract has started are listed in our “public access file” for the project; meaning they would be included on a list of materials provided to the committee and made available on request.

If this version is acceptable, we can submit through formal channels. Related to that, I was told today that the umbrella agreement through which this will be funded expires in a couple of weeks so time is of the essence. I imagine you are well aware of that (and perhaps bearing the brunt of what that entails!), but thought I’d mention it just in case.

If we need to talk, my schedule tomorrow is flexible until around 2:00.

Best,

Mary Ellen

Mary Ellen O’Connell

Interim Director, Board on Environmental Change and Society

Deputy Executive Director, Division of Behavioral and Social Sciences and Education

202-334-2607

<image001.png>

From: Torrusio, Michele [<mailto:Michele.Torrusio@Hq.Doe.Gov>]

Sent: Monday, June 29, 2015 4:40 PM

To: O’Connell, MaryEllen; Hodson, Elke; Day, Robert

Cc: Boron, David; Hyman, Denise; Winston-Holloway, Kim; Hodson, Elke; Kilroy, Linda; Jenkins, Mikel

Subject: RE: Proposal - 10002688 Estimating the Social Cost of Carbon

All – please find a revised/commented version of the NRC proposal. The text reflects

proposed changes; the comments have been left in so that you can better understand the rationale behind the changes. Please let me know if you have any additional questions or concerns. We look forward to your revision/resubmission of the proposal.

v/r - Michele

From: O'Connell, MaryEllen [<mailto:moconnell@nas.edu>]
Sent: Wednesday, June 24, 2015 2:17 PM
To: Hodson, Elke; Day, Robert
Cc: Torrusio, Michele; Boron, David; Hyman, Denise; Winston-Holloway, Kim; Hodson, Elke; Kilroy, Linda; Jenkins, Mikel
Subject: RE: Proposal - 10002688 Estimating the Social Cost of Carbon

Elke,

Thanks for getting in touch. Attached is the word version of the narrative. I have added two of Skip's colleagues in our contracts office in case something is needed while he's away, and so they're in the loop.

Hope you're headed someplace fun next week!

Mary Ellen

From: Hodson, Elke [<mailto:Elke.Hodson@Hq.Doe.Gov>]
Sent: Wednesday, June 24, 2015 12:00 PM
To: Day, Robert
Cc: Torrusio, Michele; Boron, David; Hyman, Denise; Winston-Holloway, Kim; O'Connell, MaryEllen
Subject: RE: Proposal - 10002688 Estimating the Social Cost of Carbon

Ex 5

I just tried calling Skip, but he's out the rest of the week and then I am out all next week. Mary Ellen, should we work through you this week? I think the Interagency group would

like to get on the phone to discuss.

Best, Elke

From: Day, Robert [<mailto:RDay@nas.edu>]

Sent: Thursday, June 18, 2015 5:11 PM

To: Hodson, Elke

Cc: Torrusio, Michele; Boron, David; Hyman, Denise; Winston-Holloway, Kim; O'Connell, MaryEllen

Subject: Proposal - 10002688 Estimating the Social Cost of Carbon

Dear Dr. Hodson:

We are pleased to submit the attached proposal, prepared by our Board on Environmental Change and Society (BECS), requesting support for a Study on Estimating the Social Cost of Carbon. The total estimated cost to support this activity is \$983,208 for the period from July 1, 2015 to June 30, 2017.

The Responsible Staff Officer for these activities is Mary Ellen O'Connell. She may be contacted regarding program matters at (202) 334-2607. I am responsible for business negotiations and may be reached at (202) 334-3873 or this email.

Kind regards,

Robert "Skip" Day

Contract Manager

Office of Contracts and Grants

National Academy of Sciences

500 Fifth Street, N.W. KECK 1051

Washington, D.C. 20001

202-334-3873 (Telephone)

202-334-2797 (Fax)

To: Beauvais, Joel[Beauvais.Joel@epa.gov]; McGartland, Al[McGartland.Al@epa.gov]; Roberts, Martha[Roberts.Martha@epa.gov]; Fawcett, Allen[Fawcett.Allen@epa.gov]
Cc: Bowen, Jennifer[Bowen.Jennifer@epa.gov]; Shouse, Kate[Shouse.Kate@epa.gov]; Marten, Alex[Marten.Alex@epa.gov]
From: Kopits, Elizabeth
Sent: Wed 7/1/2015 6:06:46 PM
Subject: RE: SCC RTC rollout and related materials
[2015 07 01 Desk statement and QA on use of Marten et al 2014 in RIAs REFLECTS HD2 ONLY.docx](#)
[2015 07 01 QA on RTC,TSD,NAS.docx](#)
[2015 07 01 Desk Statement on OMB RTC and NAS.docx](#)
[2015 07 01 Desk Statement on July 2015 TSD revision.docx](#)

I can send it to them now. Also, Do these need to be sent to someone in the EPA comms world? If so, would you like me to do this, and who do I send it to?

Incidentally, we just heard from Mary Ellen at NAS that as of today they are no longer the National Research Council and are instead the “National Academies of Sciences, Engineering, and Medicine”, and Academies instead of NRC for short. So fun.

I have alerted Jim to this so I assume he will update the blog post, RTC, and FR notice to reflect this. Attached here are the revised desk statements and Q&As that also reflect the name change.

Elizabeth

From: Beauvais, Joel
Sent: Wednesday, July 01, 2015 1:26 PM
To: Kopits, Elizabeth; McGartland, Al; Roberts, Martha; Fawcett, Allen
Cc: Bowen, Jennifer; Shouse, Kate; Marten, Alex
Subject: RE: SCC RTC rollout and related materials

Thanks, Elizabeth. So, I take it Jim and company have all the updated versions of desk statements, Qs&As, etc. etc.?

From: Kopits, Elizabeth
Sent: Wednesday, July 01, 2015 1:14 PM
To: Beauvais, Joel; McGartland, Al; Roberts, Martha; Fawcett, Allen
Cc: Bowen, Jennifer; Shouse, Kate; Marten, Alex
Subject: SCC RTC rollout and related materials

Hi All,

Since both Kate and I will be out of the office tomorrow (although I can be available by phone or email if need be), I thought I would provide a summary of the moving parts related to the RTC rollout as I understand them (assuming it is still on for tomorrow):

Blog post, RTC, and revised TSD: These are all expected to be released on OMB's website tomorrow (7/2). NAS is aware that this is happening. The final version of all these look good.

HD2 memo: Kate is asking OTAQ to confirm that they can post the memo with the corrected benefit numbers to the rule docket either tomorrow or Monday (7/6). The final version looks good.

Erratum to Marten et al.: Alex will send the erratum to Marten et al. (2014) to Climate Policy tomorrow after the RTC goes live. (The HD2 memo references that the erratum has been submitted to the journal.)

FR Notice: The Federal Register notice announcing the availability of the RTC and revised TSD will likely be published in a week or two. I sent Jim a couple of minor edits on this this morning.

Desk statements and Q&A on RTC, TSD, and NAS: Attached are the latest versions of these materials. We sent these to Josh and Jim on 5/26 as well. I have only made very minor changes since then – e.g., updating from May to July, and #comments received to match OMB blog.

Desk statement and Q&A on valuing non-CO2 GHGs in RIAs: Attached is a version of this that reflects use of Marten et al. (2014) in sensitivity analysis for the HD2 Proposal, and the RTC/TSD/NAS release. Once Landfills or O&G is released, the tracked changes can be rejected and it will then reflect the version we developed with Alex B on 6/15.

I hope this helps. Please let me know if I am missing anything or if you have any questions or concerns.

Thanks!

Elizabeth

To: McGartland, Al[McGartland.Al@epa.gov]
From: Kopits, Elizabeth
Sent: Wed 7/1/2015 1:24:59 PM
Subject: RE: SCC Draft FR Notice

Yes, definitely.

From: McGartland, Al
Sent: Wednesday, July 01, 2015 9:24 AM
To: Kopits, Elizabeth
Subject: RE: SCC Draft FR Notice

I like her a great deal. She is smart, and constructive.

From: Kopits, Elizabeth
Sent: Wednesday, July 01, 2015 9:20 AM
To: McGartland, Al
Subject: RE: SCC Draft FR Notice

Fyi – I talked to her by phone as well to make sure she was ok with my response before I replied to Jim.

From: McGartland, Al
Sent: Wednesday, July 01, 2015 9:19 AM
To: Roberts, Martha; Kopits, Elizabeth
Cc: Beauvais, Joel; Marten, Alex; Shouse, Kate
Subject: RE: SCC Draft FR Notice

Martha, I want to thank you for providing such great counsel on this. You have been really helpful.

From: Roberts, Martha
Sent: Wednesday, July 01, 2015 8:29 AM
To: Kopits, Elizabeth
Cc: McGartland, Al; Beauvais, Joel; Marten, Alex; Shouse, Kate
Subject: RE: SCC Draft FR Notice

Thanks Elizabeth.

Ex 5

That said, this is just a nuance and I don't think it is worth wrestling over with OMB/DOJ given the tight timing, but did want to flag it for you all.

Martha

From: Kopits, Elizabeth
Sent: Wednesday, July 01, 2015 7:24 AM
To: Roberts, Martha
Cc: McGartland, Al; Beauvais, Joel; Marten, Alex; Shouse, Kate
Subject: FW: SCC Draft FR Notice

Hi Martha,

DOE/DOJ had a couple of minor tweaks to the RTC insert we sent yesterday – see attached. It looks fine to us, but just wanted to give you a chance to look at it too. Do you have any concerns?

The FR notice also looks fine - just had a couple of very minor edits – also attached.

Thanks,

Elizabeth

From: Laity, Jim [EOP email/phone]
Sent: Tuesday, June 30, 2015 5:21 PM
To: Kopits, Elizabeth; Marten, Alex
Subject: SCC Draft FR Notice

Elizabeth: [Ex 5] Please review
[Ex 5] this draft and get me back any comments by tomorrow. It is all plain vanilla language used elsewhere. Also attached is DOE/DOJ's response to your excellent insert on the RtC. They had a few minor tweaks that look fine to me. OK by you?

To: Roberts, Martha[Roberts.Martha@epa.gov]
Cc: McGartland, Al[McGartland.Al@epa.gov]; Beauvais, Joel[Beauvais.Joel@epa.gov]; Marten, Alex[Marten.Alex@epa.gov]; Shouse, Kate[Shouse.Kate@epa.gov]
From: Kopits, Elizabeth
Sent: Wed 7/1/2015 1:04:18 PM
Subject: RE: SCC Draft FR Notice

Ex 5

From: Kopits, Elizabeth
Sent: Wednesday, July 01, 2015 8:56 AM
To: Roberts, Martha
Cc: McGartland, Al; Beauvais, Joel; Marten, Alex; Shouse, Kate
Subject: RE: SCC Draft FR Notice

Thanks, Martha.

Ex 5

Elizabeth

From: Roberts, Martha
Sent: Wednesday, July 01, 2015 8:29 AM
To: Kopits, Elizabeth

Cc: McGartland, Al; Beauvais, Joel; Marten, Alex; Shouse, Kate
Subject: RE: SCC Draft FR Notice

Thanks Elizabeth.

Ex 5

Ex 5

Martha

From: Kopits, Elizabeth
Sent: Wednesday, July 01, 2015 7:24 AM
To: Roberts, Martha
Cc: McGartland, Al; Beauvais, Joel; Marten, Alex; Shouse, Kate
Subject: FW: SCC Draft FR Notice

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The FR notice also looks fine - just had a couple of very minor edits – also attached.

Thanks,

Elizabeth

From: Laity, Jim [mailto:] **EOP email/phone**

Sent: Tuesday, June 30, 2015 5:21 PM

To: Kopits, Elizabeth; Marten, Alex

Subject: SCC Draft FR Notice

Ex 5

To: Roberts, Martha[Roberts.Martha@epa.gov]
Cc: McGartland, Al[McGartland.Al@epa.gov]; Beauvais, Joel[Beauvais.Joel@epa.gov]; Marten, Alex[Marten.Alex@epa.gov]; Shouse, Kate[Shouse.Kate@epa.gov]
From: Kopits, Elizabeth
Sent: Wed 7/1/2015 12:55:43 PM
Subject: RE: SCC Draft FR Notice

Thanks, Martha.

Ex 5

Elizabeth

From: Roberts, Martha
Sent: Wednesday, July 01, 2015 8:29 AM
To: Kopits, Elizabeth
Cc: McGartland, Al; Beauvais, Joel; Marten, Alex; Shouse, Kate
Subject: RE: SCC Draft FR Notice

Thanks Elizabeth.

Ex 5

That said, this is just a nuance and I don't think it is worth wrestling over with OMB/DOJ given the tight timing, but did want to flag it for you all.

Martha

From: Kopits, Elizabeth
Sent: Wednesday, July 01, 2015 7:24 AM
To: Roberts, Martha
Cc: McGartland, Al; Beauvais, Joel; Marten, Alex; Shouse, Kate
Subject: FW: SCC Draft FR Notice

Hi Martha,

DOE/DOJ had a couple of minor tweaks to the RTC insert we sent yesterday – see attached. It looks fine to us, but just wanted to give you a chance to look at it too. Do you have any concerns?

The FR notice also looks fine - just had a couple of very minor edits – also attached.

Thanks,

Elizabeth

From: Laity, Jim [EOP email/phone]
Sent: Tuesday, June 30, 2015 5:21 PM
To: Kopits, Elizabeth; Marten, Alex
Subject: SCC Draft FR Notice

Elizabeth:

Ex 5

Please review this draft and get me back any comments by tomorrow. It is all plain vanilla language used elsewhere. Also attached is DOE/DOJ's response to your excellent insert on the RtC. They had a few minor tweaks that look fine to me. OK by you?

Ex 5

To: Marten, Alex[Marten.Alex@epa.gov]
From: Kopits, Elizabeth
Sent: Wed 7/1/2015 12:16:23 PM
Subject: FW: sometime soon..

We should also put copies of the corrected SC-CH4 and N2O values and Marten et al. erratum on the share drive at some point.

From: Kopits, Elizabeth
Sent: Wednesday, July 01, 2015 8:00 AM
To: Marten, Alex; Newbold, Steve; Griffiths, Charles
Subject: sometime soon..

Can you please put a copy of the revised source code and results for the SCC model runs in appropriate folders within G:\USG SC-GHG\2013 USG SCC Update\ ? (I started to create some blank folders, but feel free to add more or rename as needed.)

I think it's important to keep this organized so we can respond quickly if/when anyone asks for it.

Ex 5

Ex 5

Elizabeth

To: Shouse, Kate[Shouse.Kate@epa.gov]
Cc: Fawcett, Allen[Fawcett.Allen@epa.gov]; Gunning, Paul[Gunning.Paul@epa.gov]
From: Kopits, Elizabeth
Sent: Wed 7/1/2015 12:08:00 PM
Subject: RE: Final SCC Blog

I don't have any new information on the timing. I assume it is still tomorrow. Jim said the FR notice will likely lag a week or two. The notice announces the availability of the RTC, but I don't think the full RTC will be published in the FR.

From: Shouse, Kate
Sent: Wednesday, July 01, 2015 8:04 AM
To: Kopits, Elizabeth
Cc: Fawcett, Allen; Gunning, Paul
Subject: RE: Final SCC Blog

Thanks, Elizabeth.

Paul and Allen, please see attached for final version of OMB's SCC blog post. Last we heard, they planned to make it go live on Thursday, though Elizabeth, if you think that may do that sooner, please let us know. The blog post presents the RTC, the SC-CO2 corrections, and the announcement of the NAS panel. OMB is also going to publish the RTC in the Federal Register. Please let me know if you have any questions.

thanks,

Kate

From: Kopits, Elizabeth
Sent: Wednesday, July 01, 2015 7:35 AM
To: Beauvais, Joel; McGartland, Al
Cc: Marten, Alex; Shouse, Kate
Subject: FW: Final SCC Blog

Here's the final version of the blog post.

Ex 5

Thanks,

Elizabeth

From: Laity, Jim [EOP email/phone]
Sent: Tuesday, June 30, 2015 6:05 PM
To: Kopits, Elizabeth
Subject: FW: Final SCC Blog

FYI

From: Laity, Jim
Sent: Tuesday, June 30, 2015 6:04 PM
To: Shelanski, Howard; Duke, Rick; Menter, Jessica; Johnson, Katie B.; Linn, Joshua; Obstfeld, Maurice; Utech, Dan G.; Cain, Emily
Cc: Mancini, Dominic J.
Subject: Final SCC Blog

I believe everyone has signed off on this version. Katie has graciously agreed to oversee the logistics of getting this formatted and posted on the blog web site since I have no experience with this process. Jim

PS: Maury, let Katie know how your name and title should be listed.

To: Marten, Alex[Marten.Alex@epa.gov]
From: Kopits, Elizabeth
Sent: Wed 7/1/2015 11:21:29 AM
Subject: RE: SCC Draft FR Notice
2015 06 30 Social Cost of Carbon RtC Draft FR Notice 6-30-15 - alm_ek.docx

Ex 5

I had two other minor edits – see attached.

Elizabeth

From: Marten, Alex
Sent: Tuesday, June 30, 2015 8:09 PM
To: Kopits, Elizabeth
Subject: Fw: SCC Draft FR Notice

Ex 5

In the attached I had a suggestions or two for the FR notice. I don't feel strongly about any, so use your judgement as to whether they are worth passing along.

--

Alex Marten

marten.alex@epa.gov

From: Laity, Jim <[REDACTED] EOP email/phone>

Sent: Tuesday, June 30, 2015 5:20 PM

To: Kopits, Elizabeth; Marten, Alex

Subject: SCC Draft FR Notice

Ex 5

To: Laity, Jim; [REDACTED] **EOP email/phone**
From: Kopits, Elizabeth
Sent: Tue 6/30/2015 11:20:09 PM
Subject: Re: Title of revised TSD

I think using update in the title is perfectly fine.
(The revisions - both the November 2013 one and this one- are an appendix to the update. They do not constitute a new update on their own).

Sent from my iPhone

On Jun 30, 2015, at 6:21 PM, "Laity, Jim" <[REDACTED] **EOP email/phone**> wrote:

Elizabeth: I note that this document is entitled “**Technical Update of the Social Cost of Carbon for Regulatory Impact Analysis**” (this is what you provided us), which matches the title we gave to the November 2013 TSD, and that’s how we’ve referred to it wherever the title itself is referenced. When speaking of it generically we’ve called it “technical revisions” at your suggestion. [REDACTED] **Ex 5**

[REDACTED] **Ex 5**
Are you OK with this?

From: Kopits, Elizabeth [<mailto:Kopits.Elizabeth@epa.gov>]
Sent: Tuesday, May 12, 2015 11:52 AM
To: Laity, Jim; Linn, Joshua
Cc: Marten, Alex; Barron, Alex; McGartland, Al; Shouse, Kate; Fawcett, Allen
Subject: RE: Draft Final RtC

Hi Jim and Josh,

Attached is the draft final RTC and TSD [REDACTED] **Ex 5**
[REDACTED] **Ex 5**

Please let me know if you would like to discuss by phone. We are also happy to participate in a call with other members of the IWG to walk them through the addendum if needed.

Thanks,

Elizabeth

From: Marten, Alex
Sent: Tuesday, May 12, 2015 11:05 AM
To: Kopits, Elizabeth
Subject: FW: Draft Final RtC

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Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Laity, Jim [<mailto:>] **EOP email/phone**
Sent: Monday, April 20, 2015 8:15 PM
To: Marten, Alex; Barron, Alex; Linn, Joshua
Subject: Draft Final RtC

Alex M: The attached draft accepts all of your changes from the last round, then shows in redline the handful of substantive changes I made from that version. I have not bothered to redline minor punctuation and formatting changes. I plan to do one final fresh read through from beginning to end, and will show you any edits that result. Let me know if you have any final edits—but no need to re-read carefully, I think you folks have already done that.
Jim

<2015 05 05 revised TSD.DOCX>

To: Marten, Alex[Marten.Alex@epa.gov]
From: Kopits, Elizabeth
Sent: Tue 6/30/2015 7:57:08 PM
Subject: FW: SCC - brief update

Fyi-

From: Kopits, Elizabeth
Sent: Tuesday, June 30, 2015 3:57 PM
To: Beauvais, Joel
Cc: McGartland, Al
Subject: SCC - brief update

Hi Joel,

Just a few minor updates on the NAS front:

- NAS proposal: DOE has sent the proposal back to NAS with our suggested edits.
- Remaining IAs: The DOE person in charge of the IAs still didn't forward me the POCs for the remaining IAs (Ex 5) but seemed confident that they are actively getting done and somehow it would all be in place by mid-July.
- Launch meeting: At this point basically the only day in July that will work for NAS and both intended co-chairs is 7/30. Hopefully Josh will suggest the exact time in the next day or so, and then we can touch base with you on who should go from our end.

Also, no word from Jim on any concerns with our suggested response to DOE/DOJ's comment on the RTC.

That's all for now.

Thanks,

Elizabeth

To: Moore, Chris[Moore.Chris@epa.gov]
From: Kopits, Elizabeth
Sent: Tue 6/30/2015 12:17:12 PM
Subject: Re: need suggestions for OA experts

Govt folks probably can't be panel members, but the committee could still draw on them for outside expert input - i.e., invite them to give a presentation on a particular topic during an open session of a meeting. So feel free to suggest those types as well. We don't need a lot by the way. If just one stands out as the best that is great.

From: Moore, Chris
Sent: Tuesday, June 30, 2015 7:54 AM
To: Kopits, Elizabeth
Subject: RE: need suggestions for OA experts

Can they be in govt (NOAA, for example)?

From: Kopits, Elizabeth
Sent: Tuesday, June 30, 2015 6:46 AM
To: Moore, Chris
Subject: need suggestions for OA experts

Hi Chris,

We're in the process of pulling together suggestions for panelists for the upcoming NAS SCC review, and I would like to include one or two names on ocean acidification. Right now I have [Ex 5] Are there others, [Ex 5]

[Ex 5] that you think we should recommend to the co-chairs?

Ideally we would like to recommend the person(s) who are on the forefront of thinking about/working on incorporating OA impacts into IAMs (and unfortunately we can't nominate you!).

Thanks,

Elizabeth

To: Marten, Alex[Marten.Alex@epa.gov]; Shouse, Kate[Shouse.Kate@epa.gov]
From: Kopits, Elizabeth
Sent: Mon 6/29/2015 1:31:09 PM
Subject: RE: SC-CH4 Discussion w/ OMB

Sounds good.

Ex 5

Ex 5

From: Marten, Alex
Sent: Monday, June 29, 2015 9:28 AM
To: Kopits, Elizabeth; Shouse, Kate
Subject: RE: SC-CH4 Discussion w/ OMB

Ex 5

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Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Kopits, Elizabeth
Sent: Monday, June 29, 2015 9:23 AM
To: Marten, Alex; Shouse, Kate
Subject: RE: SC-CH4 Discussion w/ OMB

I think we need to touch base with Joel again on this before it is up on the website. I will ask Nathalie to add it to tomorrow's biweekly agenda.

Have the reviews been shared with CEA or OMB? We received them right before I went on leave (1/20), and I have an email asking Joel/Alex when we should share with EOP around

1/21, but nothing after that.

From: Marten, Alex
Sent: Monday, June 29, 2015 9:17 AM
To: Kopits, Elizabeth; Shouse, Kate
Subject: RE: SC-CH4 Discussion w/ OMB

I have brought the OAR/SCC website option up to management multiple times and never received more than a shrug.

Ex 5

Ex 5

C

But I agree that we should put them in the docket also.

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Kopits, Elizabeth
Sent: Monday, June 29, 2015 9:15 AM
To: Shouse, Kate; Marten, Alex
Subject: RE: SC-CH4 Discussion w/ OMB

I think the current plan is just to put the full reviews in the landfill docket. Not sure our management is aware that they are going on OAR website. Perhaps we should discuss.

From: Shouse, Kate
Sent: Monday, June 29, 2015 9:14 AM
To: Marten, Alex

Cc: Kopits, Elizabeth
Subject: RE: SC-CH4 Discussion w/ OMB

Thanks, Alex. I think the slides look great, just wanted to check on our plans for releasing the letter reviews (of the Marten et al application). Will the OAR SCC website be the primary place for the reviews or are we going to post elsewhere (e.g., the Science Inventory database, OP's website)? Will also docket the reviews.

Thanks,
Kate

From: Marten, Alex
Sent: Saturday, June 27, 2015 4:27 PM
To: Macpherson, Alex; Shouse, Kate; Kopits, Elizabeth
Cc: Newbold, Steve; McGartland, Al; Fawcett, Allen; Weatherhead, Darryl
Subject: Re: SC-CH4 Discussion w/ OMB

Thanks Alex. If others are going to take a look please use the attached. I added info on EPA's peer review of the application of the results to RIAs.

--

Alex Marten

marten.alex@epa.gov

From: Macpherson, Alex
Sent: Saturday, June 27, 2015 3:57 PM
To: Marten, Alex; Shouse, Kate; Kopits, Elizabeth
Cc: Newbold, Steve; McGartland, Al; Fawcett, Allen; Weatherhead, Darryl
Subject: RE: SC-CH4 Discussion w/ OMB

Seems good to me, Alex. No comments.

From: Marten, Alex
Sent: Friday, June 26, 2015 8:12 PM
To: Shouse, Kate; Kopits, Elizabeth; Macpherson, Alex
Cc: Newbold, Steve; McGartland, Al; Fawcett, Allen; Weatherhead, Darryl
Subject: RE: SC-CH4 Discussion w/ OMB

I thought it might be useful to have a couple slides to help guide Monday's conversation.

Given the timing of things I know that doesn't allow a lot of time for review, but please let me know if you have any comments or suggestions.

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

-----Original Appointment-----

From: Marten, Alex
Sent: Friday, June 26, 2015 4:51 PM
To: Marten, Alex; Shouse, Kate; Kopits, Elizabeth; Macpherson, Alex
Cc: Newbold, Steve; McGartland, Al; Fawcett, Allen; Weatherhead, Darryl
Subject: SC-CH4 Discussion w/ OMB
When: Monday, June 29, 2015 12:00 PM-1:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: DCRoomWest4424G/OPEI

Conference code

To: Shouse, Kate[Shouse.Kate@epa.gov]
Cc: Marten, Alex[Marten.Alex@epa.gov]
From: Kopits, Elizabeth
Sent: Thur 6/25/2015 6:23:40 PM
Subject: Re: Start on list of potential candidates for NAS SCC committee

Found another computer to work on for the time being. Working on consolidating now.

Sent from my iPhone

On Jun 25, 2015, at 2:10 PM, "Shouse, Kate" <Shouse.Kate@epa.gov> wrote:

I agree that we should send NAS a shorter list and agree with all of Alex's comments to the

Ex 5

Ex 5

Elizabeth, are you still without a computer? Let me know if I can consolidate the lists.

From: Kopits, Elizabeth
Sent: Thursday, June 25, 2015 12:47 PM
To: Marten, Alex
Cc: Shouse, Kate; Wolverton, Ann; Griffiths, Charles; Newbold, Steve; McGartland, Al; Fawcett, Allen; Sarofim, Marcus
Subject: Re: Start on list of potential candidates for NAS SCC committee

Yes. I was planning on integrating their recommendations into our list and flagging any we should discuss. That is, as soon as I have a computer.

Sent from my iPhone

On Jun 25, 2015, at 12:38 PM, "Marten, Alex" <Marten.Alex@epa.gov> wrote:

Attached is DOE's list of suggestions. They have some good suggestions, and some others are great researchers but I'm just not sure why they would be good fits for this charge.

It sounds like the goal is to come up with a single USG list to send to NAS. We want to be helpful, but do we want to limit the list a bit to emphasize who we think would be really good?

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Kopits, Elizabeth
Sent: Thursday, June 25, 2015 9:28 AM
To: Marten, Alex
Cc: Shouse, Kate; Wolverton, Ann; Griffiths, Charles; Newbold, Steve; McGartland, Al; Fawcett, Allen; Sarofim, Marcus
Subject: Re: Start on list of potential candidates for NAS SCC committee

Thanks to all for the very helpful input!! Once I get my computer back(!) I will compile and recirculate.

Elizabeth

Sent from my iPhone

On Jun 24, 2015, at 5:51 PM, "Marten, Alex" <Marten.Alex@epa.gov> wrote:

a few more suggestions in the attached, but didn't get as far as I wanted. to be honest i am a little burned out when it comes to coming up with names for workshops, panels, committees, etc.

strongly agree that Ex 5 would be great on the committee

Ex 5 could be good... but we should discuss him and a few other similar researchers.

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Shouse, Kate
Sent: Wednesday, June 24, 2015 4:12 PM
To: Kopits, Elizabeth; Wolverton, Ann
Cc: Marten, Alex; Griffiths, Charles; Newbold, Steve; McGartland, Al; Fawcett, Allen; Sarofim, Marcus
Subject: RE: Start on list of potential candidates for NAS SCC committee

Regarding Ann's question about whether any CIRA contributors would be a good fit: I think the those with most relevant expertise have already been named (the

Ex 5

What about Dominique van der Mensbrugghe, one of the two authors on the ENVISAGE paper? Looks like he's currently the director of GTAP, <https://ag.purdue.edu/agecon/Pages/Profile.aspx?strAlias=vandermd&intDirDeptID=4>. I've never spoken with him but he seems to be active in the IAMC and in the CGE world.

Of the people listed in the "Notes" section, I would consider moving **Ex 5** to the recommended section.

Ex 5

From: Kopits, Elizabeth
Sent: Wednesday, June 24, 2015 2:38 PM
To: Wolverton, Ann
Cc: Marten, Alex; Griffiths, Charles; Newbold, Steve; Shouse, Kate; McGartland, Al; Fawcett, Allen
Subject: RE: Start on list of potential candidates for NAS SCC committee

Thanks, Ann. This is really helpful.

From: Wolverton, Ann
Sent: Wednesday, June 24, 2015 1:46 PM
To: Kopits, Elizabeth
Cc: Marten, Alex; Griffiths, Charles; Newbold, Steve; Shouse, Kate; McGartland, Al; Fawcett, Allen
Subject: Re: Start on list of potential candidates for NAS SCC committee

What about **Ex 5** I think I might also add **Ex 5**

I like the idea of adding a couple more broad thinkers like **Ex 5**
Ex 5 to the panel.

Ex 5

Is there anyone from the CIRA project that might be a good fit?

Is there anyone from the CGE world making a serious effort to incorporate climate benefits that we could add? Again, it could broaden the perspective a bit.

Ann

Sent from my iPhone

On Jun 23, 2015, at 12:47 PM, Kopits, Elizabeth <Kopits.Elizabeth@epa.gov> wrote:

Hi all,

I have started to pull together some names we could potentially forward to the NAS for consideration. See attached list and notes. Please let me know what you think, including views on whether any should be deleted or added. Also, please let me know if you have a preference for how we organize/transmit our suggestions, e.g.:

- ☐ ☐ ☐ ☐ ☐ ☐ Suggest a specific breakdown by topic - e.g., we recommend at least(or no more than?) X IAM modelers (e.g., Nordhaus, ...), X economists with expertise in discounting (e.g., Ken Arrow, ...), at least X economists with expertise in each of the following damage categories (e.g., agriculture (Mendelsohn, Schlenker, ...), ...)), at least X climate scientists including expertise in climate sensitivity (e.g., Gerard Roe, ...) ...
- ☐ ☐ ☐ ☐ ☐ ☐ Provide suggestions by topic, allowing names to appear in multiple areas. This signals who can fill multiple roles and who would be superfluous (i.e., we don't need 8 people whose primary relevant expertise is discounting), but it may get unwieldy since many will be able to be added to several categories.
- ☐ ☐ ☐ ☐ ☐ ☐ Provide a prioritized list irrelevant of topic breakdown. This highlights who we think will be key to have on the committee.
- ☐ ☐ ☐ ☐ ☐ ☐ Some combination of the above or other approach?

While there is no firm deadline, it would be great to have your thoughts soon (Thursday?) so we can send some suggestions along to Josh by the end of the week/early next week. If it would be helpful to have a short meeting to discuss let me know and I will send an invite.

Thanks,

Elizabeth

<potential committee suggestions.docx>

<2015 06 24 potential committee suggestions - alm.docx>

<2015 06 25 doe committee suggestions.docx>

To: Shouse, Kate[Shouse.Kate@epa.gov]; Marten, Alex[Marten.Alex@epa.gov]
Cc: Sarofim, Marcus[Sarofim.Marcus@epa.gov]
From: Kopits, Elizabeth
Sent: Tue 6/23/2015 5:08:26 PM
Subject: RE: 111(b) RIA and SCC language on global values

I hope so too. I know nothing.

From: Shouse, Kate
Sent: Tuesday, June 23, 2015 1:07 PM
To: Kopits, Elizabeth; Marten, Alex
Cc: Sarofim, Marcus
Subject: RE: 111(b) RIA and SCC language on global values

Great, thanks!

Ex 5

From: Kopits, Elizabeth
Sent: Tuesday, June 23, 2015 12:58 PM
To: Marten, Alex; Shouse, Kate
Cc: Sarofim, Marcus
Subject: RE: 111(b) RIA and SCC language on global values

All looks good to me too! Thanks!

From: Marten, Alex
Sent: Tuesday, June 23, 2015 11:17 AM
To: Shouse, Kate
Cc: Kopits, Elizabeth; Sarofim, Marcus
Subject: RE: 111(b) RIA and SCC language on global values

And I thought your response in the comment bubble was good as well.

Ex 5

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Shouse, Kate
Sent: Tuesday, June 23, 2015 11:14 AM
To: Marten, Alex
Cc: Kopits, Elizabeth; Sarofim, Marcus
Subject: RE: 111(b) RIA and SCC language on global values

Great! Will do. Elizabeth, please let me know if you have concerns or edits to this paragraph and I'll carry over to the RIAs.

From: Marten, Alex
Sent: Tuesday, June 23, 2015 11:09 AM
To: Shouse, Kate
Cc: Kopits, Elizabeth; Sarofim, Marcus
Subject: RE: 111(b) RIA and SCC language on global values

That was a great idea! We also need to add the Pizer et al. citation to the RIA then.

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Shouse, Kate
Sent: Tuesday, June 23, 2015 10:53 AM
To: Marten, Alex
Cc: Kopits, Elizabeth; Sarofim, Marcus
Subject: 111(b) RIA and SCC language on global values

Ex 5

From: Marten, Alex
Sent: Wednesday, June 17, 2015 12:03 PM
To: Shouse, Kate; Sarofim, Marcus
Cc: CurryBrown, Amanda; Evans, DavidA
Subject: 111(b) interagency RIA comments re: climate

Non-Responsive

Non-Responsive

Ex 5

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

To: Jenkins, Robin[Jenkins.Robin@epa.gov]; McGartland, Al[McGartland.Al@epa.gov]; Snyder, Brett[Snyder.Brett@epa.gov]; Bowen, Jennifer[Bowen.Jennifer@epa.gov]; Evans, DavidA[Evans.DavidA@epa.gov]; Marten, Alex[Marten.Alex@epa.gov]; Simpson, David[Simpson.David@epa.gov]; Simon, Nathalie[Simon.Nathalie@epa.gov]; Maguire, Kelly[Maguire.Kelly@epa.gov]; Levitt, Shelley[Levitt.Shelley@epa.gov]
From: Kopits, Elizabeth
Sent: Tue 6/23/2015 1:32:43 PM
Subject: RE: Potential Student Intern

Alex M had a good idea for a paper he could write wrt SCC that could move the ball forward on

Ex 5

If you want him working on regs, there is the **Non-Responsive** rule that I have not had too much time to follow lately.

Elizabeth

From: Jenkins, Robin
Sent: Tuesday, June 23, 2015 8:52 AM
To: McGartland, Al; Snyder, Brett; Bowen, Jennifer; Evans, DavidA; Marten, Alex; Kopits, Elizabeth; Simpson, David; Simon, Nathalie; Maguire, Kelly; Levitt, Shelley
Subject: RE: Potential Student Intern

There might be work with **Non-Responsive** – will know more after a meeting this afternoon. But he emphasizes climate and energy as his interests.

Robin

From: McGartland, Al
Sent: Monday, June 22, 2015 7:23 PM
To: Snyder, Brett; Bowen, Jennifer; Jenkins, Robin; Evans, DavidA; Marten, Alex; Kopits, Elizabeth; Simpson, David; Simon, Nathalie; Maguire, Kelly; Levitt, Shelley
Subject: Fwd: Potential Student Intern

Don't know this guy. I do know Don Arbuckle and I always liked him -- a kind of common sense and charismatic guy.

Maybe he could work on one or two regs? Chem safety? TSCA?

Sent from my iPhone

Begin forwarded message:

From: "Laity, Jim" <EOP_email/phone>
Date: June 22, 2015 at 7:15:41 PM EDT
To: "McGartland, Al (McGartland.Al@epa.gov)" <McGartland.Al@epa.gov>, "Elizabeth Southerland (Southerland.Elizabeth@epamail.epa.gov)" <Southerland.Elizabeth@epamail.epa.gov>, "Deborah Nagle (nagle.deborah@epa.gov)" <nagle.deborah@epa.gov>, "Hofmann, Angela" <Hofmann.Angela@epa.gov>
Subject: Potential Student Intern

EPA Colleagues:

Non-Responsive

internship here in Washington for the summer, as part of a UT Fellows Program, but it is not working out for him and he would be very interested in working at the EPA if you could use him. He has financial support from UT and would not expect to be paid. His resume and a very enthusiastic cover letter are attached. Please reach out to him directly if you think you could use him. Also, please feel free to forward to others in EPA. Thx for your consideration. Jim

To: Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]
From: Kopits, Elizabeth
Sent: Thur 6/18/2015 7:31:31 PM
Subject: q&a materials - need to finish
[SCC Draft Blog 6-16-15 ek ab.docx](#)
[2015 05 26 Desk Statement on OMB RTC and NAS.docx](#)
[QA OMB RTC 5 26 15.docx](#)
[2015 05 21 Desk Statement on OMB RTC and NAS ab.docx](#)
[website SCC Fact Sheet - v5 \(06 16 15\) ek.docx](#)
[2015 06 15 Desk statement and QA on use of Marten et al 2014 in RIAs.docx](#)
[SCC hearing materials \(06 18 15\).docx](#)

To: Shouse, Kate[Shouse.Kate@epa.gov]
Cc: Fawcett, Allen[Fawcett.Allen@epa.gov]
From: Kopits, Elizabeth
Sent: Thur 6/18/2015 12:23:52 PM
Subject: RE: SCC Draft Blog

Non-Responsive

From: Shouse, Kate
Sent: Thursday, June 18, 2015 8:20 AM
To: Kopits, Elizabeth
Cc: Fawcett, Allen
Subject: FW: SCC Draft Blog

What do you think about sending Jim another suggested revision, something like the following, that would remain closer to the original version:

Ex 5

From: Beauvais, Joel
Sent: Thursday, June 18, 2015 8:15 AM
To: McGartland, Al
Cc: Kopits, Elizabeth; Barron, Alex; Marten, Alex; Shouse, Kate; Fawcett, Allen
Subject: Re: SCC Draft Blog

Ex 5

On Jun 18, 2015, at 7:43 AM, McGartland, Al <McGartland.Al@epa.gov> wrote:

Ex 5

Sent from my iPhone

On Jun 18, 2015, at 7:32 AM, Kopits, Elizabeth <Kopits.Elizabeth@epa.gov> wrote:

Hi All,

Attached are Jim's reactions to our edits on the blog. He accepted some of our changes but not all. He wants to know asap whether we disagree strongly with any he recommends not taking. Please let me know what you think and I am happy to talk to him about it – unless one of you would prefer to do it.

Ex 5

Happy to talk anytime this morning.

Thanks,

Elizabeth

From: Laity, Jim **EOP email/phone**
Sent: Wednesday, June 17, 2015 6:00 PM
To: Kopits, Elizabeth; Duke, Rick; Johnson, Katie B.; Shelanski, Howard; Linn, Joshua; Utech, Dan G.; Mancini, Dominic J.; Cain, Emily; Menter, Jessica; Anderson, Amanda D.; Benenati, Frank; Kawahata, Molly
Cc: Marten, Alex; Barron, Alex; McGartland, Al; Shouse, Kate
Subject: RE: SCC Draft Blog

Attached are my responses to EPA's comments and suggestions for how to address.
(click on marginal comment boxes to see my responses in yellow)

EPA if you disagree strongly with the ones I have recommended not taking, please call me first thing in the morning to discuss.

EOP folks: Please let me know what you think, and I will prepare a clean version. Jim

From: Kopits, Elizabeth [<mailto:Kopits.Elizabeth@epa.gov>]
Sent: Wednesday, June 17, 2015 1:10 PM
To: Laity, Jim; Duke, Rick; Johnson, Katie B.; Shelanski, Howard; Linn, Joshua; Utech, Dan G.; Mancini, Dominic J.; Cain, Emily; Menter, Jessica; Anderson, Amanda D.; Benenati, Frank; Kawahata, Molly
Cc: Marten, Alex; Barron, Alex; McGartland, Al; Shouse, Kate
Subject: RE: SCC Draft Blog

Hi Jim,

Attached are a few minor technical edits/comments from our end. Please feel free to call me if it would help to discuss any by phone.

Thanks,

Elizabeth

Elizabeth Kopits, Ph.D.

National Center for Environmental Economics

Office of Policy, US EPA

1200 Pennsylvania Ave, NW, MC 1809T

Washington, DC 20460

(202) 566-2299

From: Laity, Jim **EOP email/phone**

Sent: Tuesday, June 16, 2015 7:03 PM

To: Duke, Rick; Johnson, Katie B.; Shelanski, Howard; Linn, Joshua; Utech, Dan G.; Mancini, Dominic J.; Cain, Emily; Menter, Jessica; Anderson, Amanda D.; Benenati, Frank; Kawahata, Molly

Cc: Marten, Alex; Kopits, Elizabeth; Barron, Alex

Subject: SCC Draft Blog

The attached version is based on Rick's version from last night with a few minor tweaks. It includes hyperlinks for the documents that are already on the web, and placeholders for hyperlinks to the new TSD and RtC.

I am also adding EPA technical staff. This has been through a number of rounds at the

EOP and we consider it close to final, but any technical corrections are welcome. Note we are trying to keep the language user friendly as suitable for a blog. Jim

<SCC Draft Blog 6-16-15_ek ab jl.docx>

To: Shouse, Kate[Shouse.Kate@epa.gov]
From: Kopits, Elizabeth
Sent: Wed 6/17/2015 12:38:10 PM
Subject: RE: another timing question

I agree with you that if they are released simultaneously the footnote should be included. I passed on your footnote to Joel and he also said that if SCC doesn't go Friday then the footnote should not be included in HD2 package that is released on Friday. I think Alex B is also trying to connect with Jim to flag this so we'll just have to keep an eye on it until the schedule resolves.

From: Shouse, Kate
Sent: Wednesday, June 17, 2015 8:12 AM
To: Kopits, Elizabeth
Subject: another timing question

Hi – I sent the footnote to Ken Davidson in OTAQ and he asked whether we thought it would be necessary to include the footnote if the HD2 signature and SCC publication occur simultaneously. I think we probably should include the footnote if these things are released simultaneously but wanted to double check with you. Any chance we could check back with OMB to get clarity on the timing? i.e., if the SCC release doesn't go until next week, we may not want to put the footnote in the HD2 package signed/released on Friday.

Thanks
Kate

From: Kopits, Elizabeth
Sent: Tuesday, June 16, 2015 3:49 PM
To: Shouse, Kate; Marten, Alex
Subject: RE: footnote for HD2

I think this looks good, and I am fine with the first placement for the first footnote. I also forwarded this to our management. Not sure when they will look at it but will let you know if they have any comments.

Sorry I haven't gotten you comments on the memo yet. I have to leave soon but promise to finish it first thing in the morning.

Thanks,

Elizabeth

From: Shouse, Kate

Sent: Tuesday, June 16, 2015 2:18 PM

To: Kopits, Elizabeth; Marten, Alex

Subject: footnote for HD2

Hi – I've created a file with the latest SCC section from the HD2 preamble and added two redline footnotes flagging the TSD correction. The first footnote is in the SC-CO2 section and the second is in the non-CO2 section. Please let me know what you think and I'll circle back with OTAQ to discuss logistics of working this into the final package.

Thanks,

Kate

To: Shouse, Kate[Shouse.Kate@epa.gov]
Cc: Marten, Alex[Marten.Alex@epa.gov]
From: Kopits, Elizabeth
Sent: Tue 6/16/2015 3:43:31 PM
Subject: FW: SCC

Hi Kate – Were you also asked to provide updated SCC/SCM materials to OCIR for upcoming Administrator testimony? See below. If so, let's coordinate. If not, I'll pass you what I put together to see what you think.

Thanks,

E.

From: Barron, Alex
Sent: Tuesday, June 16, 2015 11:03 AM
To: Kopits, Elizabeth; Marten, Alex
Cc: Wolverton, Ann; McGartland, Al; Roberts, Martha
Subject: FW: SCC

The Administrator is testifying before HST on “regulatory efforts” on 7/9 but OCIR would like some materials for her book by COB this Thursday.

Can we pull together updated materials for the Administrator on SCC on that timeline? I think we can assume that OMB will release the RTC etc. before **Ex 5** and we can note that at the top of the document.

I think we want a short set of bullets on SCM, in case that comes up, reflecting what we did in HDV etc.

Ann – Can you produce some bullets in case she gets asked a question about **Non-Responsive**

Non-Responsive

Al/Martha – Please chime in if you can think of other topics likely to come up.

Alex

To: McGartland, Al[McGartland.Al@epa.gov]
Cc: Bowen, Jennifer[Bowen.Jennifer@epa.gov]
From: Kopits, Elizabeth
Sent: Tue 6/16/2015 2:44:17 PM
Subject: FW: Speaking Invitation
The second Monday.docx

Hi Al,

Ex 5

What do you think?

Thanks,

Elizabeth

From: Pattison, Malka [mailto:malka_pattison@ios.doi.gov]
Sent: Tuesday, June 16, 2015 10:32 AM
To: Kopits, Elizabeth
Subject: Speaking Invitation

Good Morning:

The U.S. Department of the Interior's Office of Policy Analysis hosts a monthly seminar series highlighting natural resource management topics. We'd like to invite you to speak on the social cost of carbon at one of our 2016 seminars. Please see the attached seminar schedule. Our seminars are webcast live, and subsequently posted as videos to our website:
(http://www.doi.gov/ppa/seminar_series/video/index.cfm)

We encourage speakers to divide the hour equally between their presentation and questions from

the audience. The seminars, casual lunchtime events, are held at the Interior Department, which is located at 1849 C Street, NW, Washington, DC. Our live audience of about 75-100 and Internet audience of 100-600 is comprised largely of Interior Department resource managers and staff. Other federal, state, tribal and non-government agencies also participate.

Free to contact me with any questions.

Regards,

Malka

--

Malka Pattison

Program Analyst

Office of Policy Analysis

U.S. Department of the Interior

1849 C St., NW

Washington, DC 20240

(202) 208-6800 (Phone)

(202) 208- 4867 (Fax)

To: Marten, Alex[Marten.Alex@epa.gov]
Cc: Sarofim, Marcus[Sarofim.Marcus@epa.gov]; Shouse, Kate[Shouse.Kate@epa.gov]
From: Kopits, Elizabeth
Sent: Fri 6/12/2015 5:39:19 PM
Subject: Re: CH4-O3 review

Yes congrats! We will try to brief AI and OP management on our discussion soon too - hopefully early next week. Will let you know what they say.

On Jun 12, 2015, at 12:58 PM, "Marten, Alex" <Marten.Alex@epa.gov> wrote:

That is great news on the acceptance!

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Sarofim, Marcus
Sent: Friday, June 12, 2015 12:45 PM
To: Kopits, Elizabeth
Cc: Marten, Alex; Shouse, Kate
Subject: RE: CH4-O3 review

Non-Responsive

-Marcus

Marcus C. Sarofim, PhD
phone: 202-343-9993
WJC East 4410M

Environmental Scientist
Climate Science & Impacts Branch

From: Kopits, Elizabeth
Sent: Monday, June 08, 2015 7:24 AM
To: Sarofim, Marcus
Cc: Marten, Alex
Subject: RE: CH4-O3 review

Hi Marcus,

Sounds good about landfills and o&g. Thanks!

Non-Responsive

Thanks,
Elizabeth

From: Sarofim, Marcus
Sent: Friday, June 05, 2015 5:15 PM
To: Kopits, Elizabeth
Subject: CH4-O3 review

Hi Elizabeth,

Non-Responsive

a. While in the paper we tried for consistency with the SCC approach (e.g., using the same EMF scenarios & discount rates), there are still a number of open questions: the

Ex 5

Ex 5 I don't know which of these questions are internal EPA decisions, and which are appropriate as charge questions, so this could probably use some discussion.

Thank you!

-Marcus

Marcus C. Sarofim, PhD
phone: 202-343-9993
WJC East 4410M
Environmental Scientist
Climate Science & Impacts Branch

Cc: Marten, Alex[Marten.Alex@epa.gov]; Massey, Matt[Massey.Matt@epa.gov]; Walsh, Patrick[Walsh.Patrick@epa.gov]
To: Shouse, Kate[Shouse.Kate@epa.gov]
From: Kopits, Elizabeth
Sent: Fri 6/12/2015 3:05:21 PM
Subject: Re: SSC in the Steam Electric ELG BCA

Thanks so much, Kate!

Matt and Patrick - please let me know if you have any questions / concerns. I am working at home today

Personal cell/email

Thanks,
Elizabeth

> On Jun 12, 2015, at 10:44 AM, "Shouse, Kate" <Shouse.Kate@epa.gov> wrote:

>

> Hi, everyone. I copied the latest SCC estimates into the table in 2013\$ and have also attached the spreadsheet. I recommend that they use the unrounded SCC estimates for calculations (H5:L45) and the rounded estimates for presentation in tables (row 47). Also, I used a slightly different deflator and noted that on the RIA table. I don't have any changes to Elizabeth's text – looks good to me.

>

> Thanks,

> Kate

>

> From: Marten, Alex

> Sent: Thursday, June 11, 2015 4:17 PM

> To: Kopits, Elizabeth; Massey, Matt; Walsh, Patrick

> Cc: Shouse, Kate

> Subject: RE: SSC in the Steam Electric ELG BCA

>

> This looks good to me.

>

> --

> Alex L. Marten

> phone: (202) 566-2301<tel:%28202%29%20566-2301>

> email: marten.alex@epa.gov<mailto:marten.alex@epa.gov>

>

> From: Kopits, Elizabeth

> Sent: Thursday, June 11, 2015 3:34 PM

> To: Massey, Matt; Walsh, Patrick

> Cc: Shouse, Kate; Marten, Alex

> Subject: RE: SSC in the Steam Electric ELG BCA

>

> Hi Matt and Patrick,

>

> Here are my suggestions for revising the SCC section to make it consistent with the discussion we are using in other rules in the pipeline (e.g., Landfills, O&G, 111). I have flagged the tables that still need to be updated to reflect the SCC correction. I have to leave soon but should be able to send you the corrected estimates tomorrow – unless, Kate, do you have it easily at hand? (They need them in 2013\$).

>

>

u

v

Ex 5

However they should still present benefit numbers using all four values somewhere in the analysis.

>

> Alex and Kate – also please chime in if you notice anything I missed.

>

> Thanks,

> Elizabeth

>

> From: Massey, Matt

> Sent: Monday, May 18, 2015 1:07 PM

> To: Marten, Alex; Kopits, Elizabeth

> Cc: Walsh, Patrick

> Subject: SSC in the Steam Electric ELG BCA

>

> Hi Alex and Elizabeth,

>

> Be careful what you ask for! The SSC stuff starts in section 7.1.3 on page 7-8 (or page 86 of the word file). Please let us know if you guys spot any problem or things that need changing.

>

> Matt

> <June 2015 correction (2013\$).xlsx>

> <EPA Steam Electric ELG Benefit and Cost Analysis_FAR_ek (ks).docx>

To: ekopits Personal cell/email
From: Kopits, Elizabeth
Sent: Fri 6/12/2015 12:47:28 PM
Subject: Fwd: finish
[2015 06 11 Desk statement and Q&A on use of Marten et al. 2014 in RIAs.docx](#)
[ATT00001.htm](#)
[2015 05 26 Desk Statement on OMB RTC and NAS.docx](#)
[ATT00002.htm](#)
[QA OMB RTC 5 26 15.docx](#)
[ATT00003.htm](#)
[2015 05 26 Desk Statement on May 2015 TSD revision.docx](#)
[ATT00004.htm](#)

Sent from my iPhone

Begin forwarded message:

From: "Kopits, Elizabeth" <Kopits.Elizabeth@epa.gov>
Date: June 11, 2015 at 3:37:13 PM EDT
To: "Kopits, Elizabeth" <Kopits.Elizabeth@epa.gov>
Subject: finish

To: Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]

From: Kopits, Elizabeth

Sent: Thur 6/11/2015 7:37:14 PM

Subject: finish

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